Fujitsu recommends Windows 8 Pro.

Data Sheet
Fujitsu CELSIUS H920 Workstation

High-End Workstation Power on-the-Go

If you need ultimate workstation performance in a notebook form-factor, the Fujitsu CELSIUS H920 is your ideal choice. This individually configurable workstation, comprehensively certified for leading ISV applications, helps you maintain an efficient workflow wherever you are. Your productivity is increased by instant network access thanks to multiple embedded connectivity features. A range of hardware protection and software security features provide additional peace of mind.

High-end workstation performance
Highest productivity thanks to mobile workstation performance
- Have a choice of ultra high-end or high-end professional NVIDIA® Quadro® graphics cards with up to 960 CUDA cores; boost productivity with 3rd generation Intel® Core™ i5 & i7 processors with vPro™ technology

Superior performance and reliability
Higher productivity and speed thanks to larger screen and second HDD
- 43.9 cm (17.3-inch) Full HD LED backlight display and RAID 0/1 support with integrated second HDD

Unlimited connectivity
Online anywhere, anytime
- Optional integrated 4G/LTE, Bluetooth® and WLAN

NVIDIA® Optimus™ Technology
Increased battery runtime
- Dedicated graphics card is only used when needed

ISV certification
Excellent performance and absolute stability in professional environments
- Comprehensive certification for workstation applications

Fujitsu recommends Windows 8 Pro.

Components

Processor	Intel® Core™ i7-3940XM processor (3.0 GHz, up to 3.9 GHz, 8 MB)	
	Intel® Core™ i7-3920XM processor (2.9 GHz, up to 3.8 GHz, 8 MB)	
	Intel® Core™ i7-3840QM processor (2.8 GHz, up to 3.8 GHz, 8 MB)	
	Intel® Core™ i7-3820QM processor (2.7 GHz, up to 3.7 GHz, 8 MB)	
	Intel® Core™ i7-3740QM processor (2.7 GHz, up to 3.7 GHz, 6 MB)	
	Intel® Core™ i7-3720QM processor (2.6 GHz, up to 3.6 GHz, 6 MB)	
	Intel® Core™ i7-3630QM processor (2.4 GHz, up to 3.4 GHz, 6 MB)	
	Intel® Core™ i7-3610QM processor (2.3 GHz, up to 3.3 GHz, 6 MB)	
	Intel® Core™ i7-3540M processor (3.0 GHz, up to 3.7 GHz, 4 MB)	
	Intel® Core™ i5-3380M processor (2.9 GHz, up to 3.6 GHz, 3 MB)	
	Intel® Core™ i5-3360M processor (2.8 GHz, up to 3.5 GHz, 3 MB)	
	Intel® Core™ i5-3340M processor (2.7 GHz, up to 3.4 GHz, 3 MB)	
	Intel® Core™ i5-3320M processor (2.6 GHz, up to 3.3 GHz, 3 MB)	
	Intel® Core™ Processor with Intel® Small Business Advantage - Smart Platform for Unmanaged Small Business	
Operating systems		
Operating system	Windows® 7 Professional 64-bit Windows 8 Windows 8 Pro	
Operating system compatible	Windows® 7 Professional 32-bit Windows® 7 Professional 64-bit Windows 8 Windows 8 Pro	
Graphics add on cards (optional)	High-end 3D: NVIDIA® Quadro® K3000M	
	High-end 3D: NVIDIA® Quadro® K4000M	
Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM	
	4 GB (1 module(s) 4 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM	
	8 GB (1 module(s) 8 GB) DDR3, 1600 MHz, PC3-12800, SO DIMM	
Base unit memory	**CELSIUS H920 Dual Core**	**CELSIUS H920 Quad Core**
Supported capacity RAM (min.)	2 GB	4 GB
Supported capacity RAM (max.)	16 GB	32 GB
Memory slots total	2	4
Memory slot type	SO DIMM (DDR3)	
Hard disk drives (internal)	SSD SATA III, 512 GB, 2.5-inch	
	SSD SATA III, 256 GB, 2.5-inch	
	SSD SATA III, 128 GB, 2.5-inch, FDE	
	SSD SATA III, 128 GB, 2.5-inch	
	HDD SATA, 7200 rpm, 750 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 7200 rpm, 640 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.	
	HDD SATA, 5400 rpm, 1000 GB, 2.5-inch, S.M.A.R.T.	
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software. Up to 2 internal disks configurable.	
WLAN (optional)	Intel® Centrino® Advanced-N 6205 802.11 a/b/g/n Import and usage according to country-specific regulations.	
	Intel® Centrino® Wireless-N 2200 802.11b/g/n Import and usage according to country-specific regulations.	

3G/4G (optional)	Sierra Wireless Gobi 3000 module	
	Sierra Wireless MC7710 LTE/HSPA+ module	
Bluetooth (optional)	Bluetooth 4.0	
Display	43.9 cm (17.3-inch), LED backlight, (Full HD), Anti-glare display, 1920 x 1080 pixel	
Optical drives	Blu-ray burner	
	DVD-RW Dual Double Layer Super Multi	
Base unit	CELSIUS H920 Dual Core	CELSIUS H920 Quad Core
Chipset	Intel® QM77	
BIOS features	BIOS based on Phoenix SecureCore	
Graphics		
Base unit	CELSIUS H920 Dual Core	CELSIUS H920 Quad Core
Max. resolution external display	2560 x 1600 pixel via DisplayPort and Dual Link DVI	2560 x 1600 pixel via DisplayPort and Dual Link DVI
Graphics features	DualView	DualView
Graphics card notes	NVIDIA® Quadro® 3000M: 240 cores NVIDIA® Quadro® 4000M: 336 cores	NVIDIA® Quadro® 3000M: 240 cores NVIDIA® Quadro® 4000M: 336 cores
Dedicated video memory	2 / 4 GB (GDDR5 VRAM)	2 / 4 GB (GDDR5 VRAM)
Interfaces		
DC-in	1	
Audio: in	1	
Audio: out	1	
Internal microphones	1	
USB 2.0 total	3	
USB 3.0 total	1	
VGA	1	
DisplayPort	1	
Ethernet (RJ-45)	1	
Express card slots	1 (34/54 mm)	
SmartCard slot	1	
SIM card slot	1	
Multicardreader	1 (SD up to 2 GB, SDHC up to 32 GB, SDXC up to 64 GB)	
eSATA	1	
Wired communication		
LAN	10/100/1000 MBit/s Intel® 82579 LM	
Keyboard		
	TouchStick (optional) Touchpad with two mouse buttons and scroll via fingerprint sensor EcoButton LockWorkstation button MobilityCenter Button Fingerprint sensor	
Multimedia		
Audio type	On board	
Audio codec	Realtek ALC269	
Audio features	Stereo speakers, 2 internal microphones	
Power supply		
AC adapter	19 V / 210 W (11.05 A)	
Rated voltage range	100 V - 240 V (AC Input)	
Rated frequency range	50 Hz - 60 Hz	
1st battery	Li-Ion battery 8-cell	

Power supply	
Runtime 1st battery	up to 9 hours
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	417 x 287 x 33/44 mm
Weight	4.25 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35 °C
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)
Additional Software	
Additional software (preinstalled)	Adobe® Reader® (pdf reader) McAfee Multi Access Security (anti-virus and internet security software; 60 days trial version) Fujitsu Display Manager EasyGuide online user documentation Power Saving Utility ShockSensor Utility SmartAccess Fujitsu Plugfree Network (network management utility) Intel® SBA (manageability suite for local administration) DTS® Sound Enhance Software Fujitsu Application Button Utility Fujitsu DeskUpdate (Driver and Utility tool) Microsoft Office (buy license to activate the pre-installed Microsoft Office)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)
Manageability	
Manageability technology	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) iAMT Intel® Active Manageability Technology v8.0 (not activated, not set up) Intel® vPro™ technology WoL (Wake on LAN)
Manageability software	DeskView Client DeskView Instant BIOS Management DeskView Integration for Symantec Management Platform
DeskView components	Inventory Management BIOS Management Driver Management Security Management Alarm Management
Supported standards	WMI PXE BootP (made4you)
Manageability link	http://www.fujitsu.com/fts/solutions/high-tech/dynamic-infrastructure/solutions/workplace/manageability/feature-finder.html
Security	
Physical Security	Kensington Lock support
System and BIOS Security	EraseDisk Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version

Security	
User Security	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password Preboot Authentification with SystemLock 3

Compliance		
Product	CELSIUS H920 Dual Core	CELSIUS H920 Quad Core
Germany	GS	
Europe	CE	
USA/Canada	cULus FCC Class B part 15C/E + 22 + 24 (depending on wireless configuration)	
Global	RoHS (EU & China) Medical EMC standard IEC60601-1-2 in combination with medical kit ENERGY STAR® 5.0 (depending on configuration) EPEAT® Gold (dedicated regions)	
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates	

Port Replicator interfaces (optional)	
DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1
USB 3.0 total	4
DisplayPort	1 (up to 2560 x 1600)
VGA	1
DVI	1 (up to 1920 x 1200)
Serial (RS-232)	1
Ethernet (RJ-45)	1 (10/100/1000)
Kensington Lock support	2
eSATA	1
Notes	Port replicator does not support 0-Watt technology, must use AC Adapter 19V/210W (11,05 A).

Warranty	
Standard Warranty	3 years (depending on country)
Service level	Collect & Return Service / Bring-in Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Maintenance and Support Services - the perfect extension

Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

MicroSaver Slim		The Fujitsu Kensington MicroSaver slim features the patented T-Bar locking mechanism with carbon tempered steel core cable and an external braided steel sheath. The MicroSaver slim is available with Kensington Master Access. This security solution allows you to manage and maintain a limitless number of locks with a master key.	Order Code: S26361-F1650-L200
Prestige Case Backpack 17		The Prestige Case Backpack 17 protects notebooks with up to 17-inch displays. It contains three large compartments, two elastic mesh side pockets and a front bay. The padded back compartment provides protection for your notebook, while other sections store power adaptors and office supplies. Padded shoulder straps and back cushions provide comfort on the move.	Order Code: S26391-F1191-L134
Wireless Notebook Mouse WI610		The Wireless Notebook Mouse WI610 uses the latest wireless 2.4 GHz technology, and an ultra-high resolution switchable sensor to give you the precision and reliability you need (1000/1500/2000 dpi). Sporting a stylish silver-black finish, the WI610 wireless mouse is well suited to all environments.	Order Code: S26381-K460-L100
SpaceMouse™ Pro		Using the SpaceMouse™ Pro 3D mouse to navigate 3D models or environments is as simple as holding them in your hand. A slight movement of the controller cap delivers easy and precise control. SpaceMouse™ Pro is a companion to the traditional mouse and is operated with the free hand. Your traditional mouse hand is free to select, create and edit.	Order Code: S26381-K459-L100
Wireless Keyboard Set LX900		The Wireless Keyboard LX900 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set with offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption for security.	S26381-K564-L4** (**: Country specific variation)

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More information

Fujitsu platform solutions

In addition to Fujitsu CELSIUS H920, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu CELSIUS H920, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/CELSIUS

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

Green Policy Innovation

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